

Product

Type	cableconnector
Connector Type	Profi
Gender	male

Electrical

Capacitance between contacts	7 pF
Dielectric strength	1.5 kVdc
Insulation resistance	> 100 GΩ
Number of electrical contacts	2
Rated current per contact	16 A
Rated voltage	50 V

Mechanical

Cable O.D.	3.0 - 7.3 mm
Lifetime	> 2000 mating cycles
Wire size	2.5 mm ²
Wire size	14 AWG
Wiring	Solder contacts
RW / Straight	no

Material

Contact plating	5 μm Au over 5 μm Ni
Contacts	Brass (CuZn39Pb3)
Insert	PBTP 20 % GR
Shell	Brass (CuZn39Pb3)
Strain relief	Polyacetal (POM)
Labeling	no

Environmental

Flammability	UL 94 HB
Standard compliance	IEC 601-14
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30°C to +80°C °C